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TO : Chief, Industrial Division, ORR

FROM : Chief, Electronic Equipment Branch, D/I

SUBJECT: Monthly Activity Report, December 1959

DATE: 4 January 1960

1. Status of Branch Projects

a) Project 36.2376, "The Impact of Guided Missile Requirements on the Electronics Industry of the USSR"

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This month visited the Air Force Ballistic
Missile Division (BMD) in Inglewood, California to obtain cost
information on U.S. ballistic missiles. Aggregate program
data was obtained on the Thor and Titan missiles. BMD indicated
that detailed information on its ballistic missile programs could
be assembled for CIA at a later date without impeding the effort
at BMD. A letter to BMD outlining the information desired by
CIA will be prepared and forwarded through proper channels.

Requirements personnel in the Office of the Chief of Naval Operations were consulted on costs of operational missile systems used by the Navy. No data were acquired, but names of appropriate personnel in the Bureau of Naval Weapons were obtained. These personnel will be consulted to obtain cost data on Naval missile systems.

b) Project 36.2378, "The Electronics Industry of Hungary"
Analyst: 25X1A9a du St/PL.

The analyst has not as yet completed his first draft of this project.

c) Project 36.2752, "ORR Military Electronics Estimates"
Analyst: 25X1A9a & & SUPR . 1 Acc 55

A major portion of the analyst's time during December was taken up in supervisory matters in the absence of the Branch Chief, and in annual leave during the last two weeks of the month. No change in status of the project has been reported.

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25X1A8a the USSR" 25X1A9a du st/PR-15 per Analyst: The analyst's first draft was completed and turned in for Branch review on 17 December. The draft has been partially reviewed for substance and methodology and there appear to be no major problems in these areas. There remains, however, a large area where improvement could be made in the manner of presentation of the information. This problem was discussed with the Deputy Chief, D/I, and it was decided that in view of the current demands on the 25X1A9a time of the Branch Chief, would be asked if an St/PB editor could spend some time with the analyst to assist 25X1A9a in the review. agreed that this could be done, and suggested that the first two or three weeks in January would be the best time to accomplish it. e) Project 36.2754, "The Electronics Industry of Poland" 25X1A9a Analyst: A draft of this project was submitted to the Division for review. The suggestions made by the Deputy Division Chief were incorporated in a final draft which has been forwarded to St/PB. 1) Project 36.2755, "Exploratory Project: Soviet Electronics Plants" 25X1A9a

Analyst: 25X1A9a will complete her survey of Branch material during January. She has now compiled and cross-indexed a complete listing of known Soviet electronics plants and has compiled dossiers for the majority of these plants. A considerable amount of duplicate or irrelevant information has been discarded. The final step in the research, also to be accomplished during January, will be to coordinate her findings with the information in GENS-3. It is recommended that this information, when completed, be compiled into a research aid. Publication as an ORR/RA is recommended, although an alternative method would be to submit it to the EIC Subcommittee on Electronics and Telecommunications for

release.

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2. Status of Support Projects

Project 30.2204, "I/EE Contribution to the Air Defense NIE"

Due Date - 25 January to I/ME

Analyst: 25X1A9a

has completed most of the research for this project and has reviewed the S/COM contribution which he will use for part of the electronic equipment costing in the I/EE contribution. Some additional material has been requested from ATIC, but it is uncertain that it will be received in time for use with this project. Its now spending full time on the computations and the final draft of the project. The revised due date to ONE has pushed forward the planned Branch completion date. This will put some pressure on the analyst. Discussions with Chief, I/ME and with the analyst indicate that all of the necessary work can be completed satisfactorily, however, and that if additional material is developed somewhat later this can probably be incorporated in the I/ME contribution.

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3. Changes in Estimates

None.

4. Relationships with other Components

this Conference.

a) was recalled to Paris for additional TDY in connection with the 1959 COCOM review of the International List of strategic trade items.

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travelled to ATIC, Dayton, Ohio, to confer with personnel of AFCIN-4 on Soviet electronic data processing equipment and communications facilities in the Soviet Air Defense System. Information received was for use in NIE 11-3-59.

participated in the talks.

25X1A9a c)

Subcommittee on Electronics and Telecommunications which was called to discuss the preparation of papers for the Electronics Conference, Washington, May 59 bb.

As presently scheduled I/EE will prepare two papers for

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25X1A9a 25X1A9a travelled to Inglewood, California to consult d) with personnel of the Air Force Ballistic Missile Division on costs of electronics in U.S. ballistic missile systems. travelled with a group from I/GM In addition, on a missile orientation tour which included the following installations: Vandenberg Air Force Base; Aerojet-General Corporation at Sacramento, California; Lockheed Aircraft Corporation at Sunnyvale, California; and Martin Aircraft Corporation at Denver, Colorado. Manufacturing processes and operational configurations of ballistic missiles were observed. Discussions with personnel of the above installations concerning alternative processes and configurations which might obtain in the USSR will be useful in estimating and evaluating the Soviet missile program.

